

METHOD OF RESOLUTION AND ANTIVIRAL ACTIVITY OF
1,3-OXATHIOLANE NUCLEOSIDE ENANTIOMERS

Abstract of the Invention

A process for the resolution of a racemic mixture of nucleoside enantiomers that includes the step of exposing the racemic mixture to an enzyme that preferentially catalyzes a reaction in one of the enantiomers. The nucleoside enantiomer (-)-2-hydroxymethyl-5-(5-fluorocytosin-1-yl)-1,3-oxathiolane is an effective antiviral agent against HIV, HBV, and other viruses replicating in a similar manner.